

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

08/12/2011

Omar Pagan Gonzalez  
Assistant District Attorney, Suffolk County

Dear ADA Gonzalez,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.  
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMSS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

|                     |                             |                        |
|---------------------|-----------------------------|------------------------|
| Related Coursework: | Analytical Chemistry        | Physical Chemistry     |
|                     | Organic Chemistry I and II  | Instrumental Chemistry |
|                     | Biochemistry                | Forensics Laboratory   |
|                     | Chemistry of Criminalistics | Physical Evidence      |
|                     | Anatomy                     | Physiology             |

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

**Boston Police**  
DEPARTMENT

## DRUG RECEIPT

CC # \_\_\_\_\_

BOOK # 62PAGE # 161

DESTRUCTION # \_\_\_\_\_

District/Unit A-1 / DCUName & Rank of Arresting Officer S/O Wm DWAN ID# 10060

| DEFENDANT'S NAME | ADDRESS | CITY | STATE |
|------------------|---------|------|-------|
|------------------|---------|------|-------|

|            |        |    |
|------------|--------|----|
| [REDACTED] | Dorcht | MA |
|            |        | NY |
| [REDACTED] | Boston | MA |

## LAB USE ONLY

| DESCRIPTION OF ITEMS SUBMITTED | GROSS QUANTITY | GROSS WEIGHT | ANALYSIS NUMBER |
|--------------------------------|----------------|--------------|-----------------|
|--------------------------------|----------------|--------------|-----------------|

|               |       |         |            |
|---------------|-------|---------|------------|
| CRACK COCAINE | 1 P/B | 1.83 gm | [REDACTED] |
| MARIJUANA     | CIVIL | 3 PTBS  |            |

To be completed by ECU personnel only

Name and Rank of Submitting Officer R.O. Wogseth ID# 11070Received by [Signature] Date 8-4-10

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed:

City: Boston D.C.U. Police Dept. 11-4-10

Officer: P.O. MARGARET WAGGETT

Def: [REDACTED]

Amount: Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 08/04/2010

No. Analyzed:

Gross Wt.: 1.83

Net Weight: 0.09

# Tests: 6 ADD  
• 2 DJR

Prelim: Cocaine (1C) Findings: Cocaine

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY BOSTON ANALYST ASJ

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ): 0.1667

OFF white chunky substance Gross Wt ( ): \_\_\_\_\_

17.1.95

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.0921

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

### Microcrystalline Tests

Gold  
Chloride A

TLTA (-) +

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 11-01-10

## GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS  
OPERATOR DJR

DATE 11-4-10

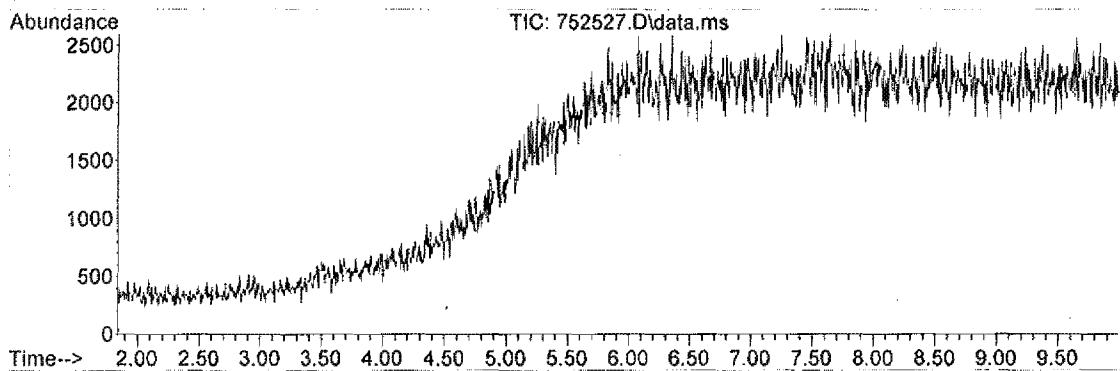
Area Percent / Library Search Report

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Operator : ASD  
Date Acquired : 2 Nov 2010 15:45  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

✓DJR  
8-12-11



| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

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\*\*\*NO INTEGRATED PEAKS\*\*\*

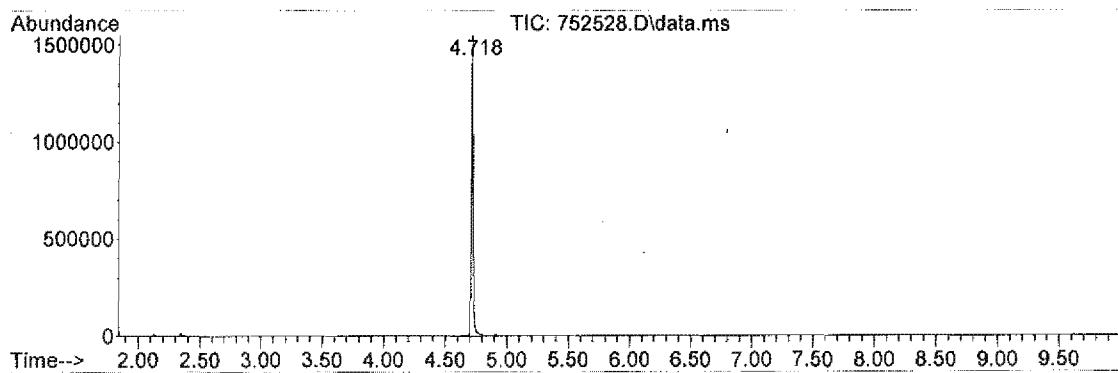
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Date Acquired : 2 Nov 2010 15:57  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 28  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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| Ret. Time | Area    | Area % | Ratio % |
|-----------|---------|--------|---------|
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Area Percent / Library Search Report

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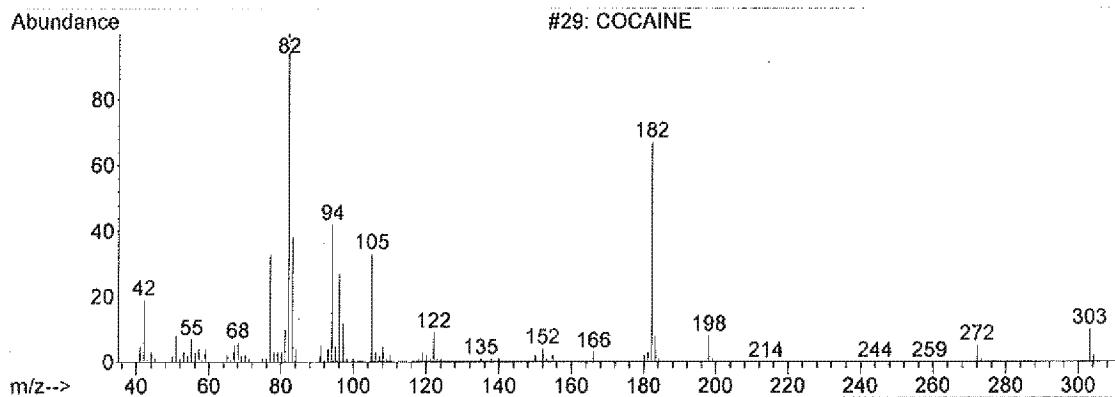
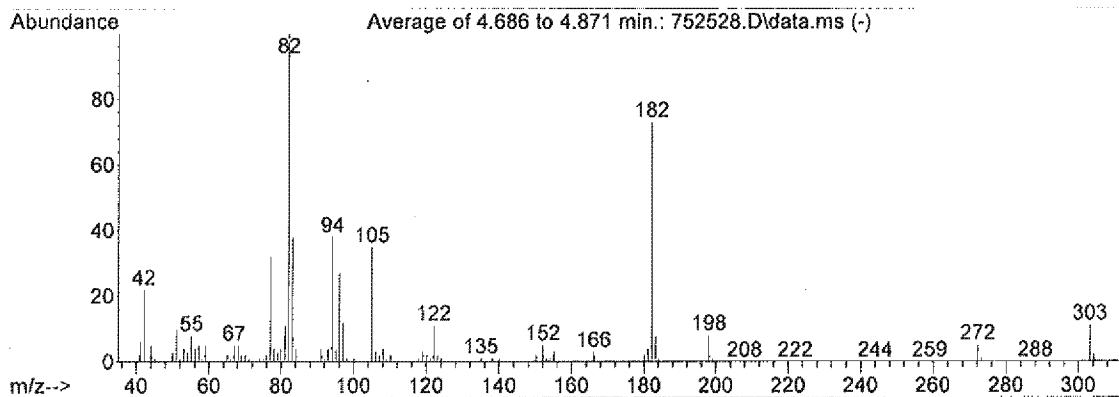
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Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 28  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

| PK# | RT   | Library/ID                   | CAS#        | Qual |
|-----|------|------------------------------|-------------|------|
| 1   | 4.72 | C:\Database\SLI.L<br>COCAINE | 000050-36-2 | 99   |



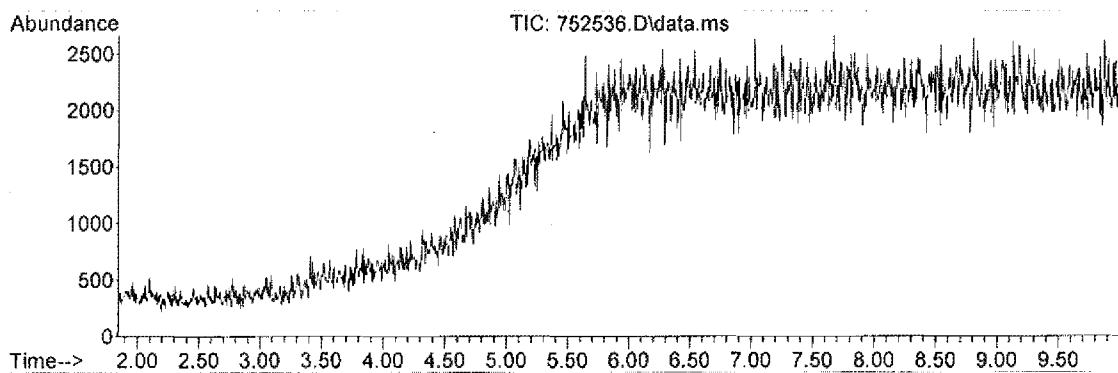
Area Percent / Library Search Report

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Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

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\*\*\*NO INTEGRATED PEAKS\*\*\*

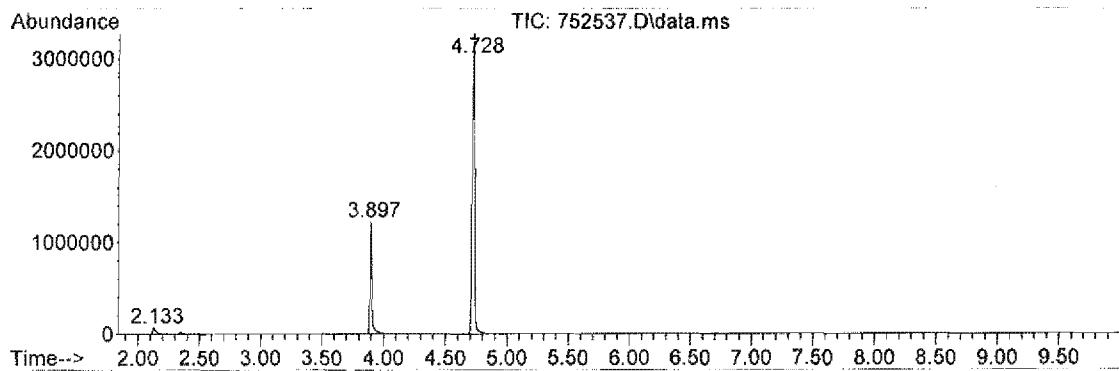
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Date Acquired : 2 Nov 2010 17:51  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 37  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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| Ret. Time | Area    | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.133     | 120091  | 2.06   | 2.81    |
| 3.897     | 1417034 | 24.36  | 33.10   |
| 4.728     | 4280607 | 73.58  | 100.00  |

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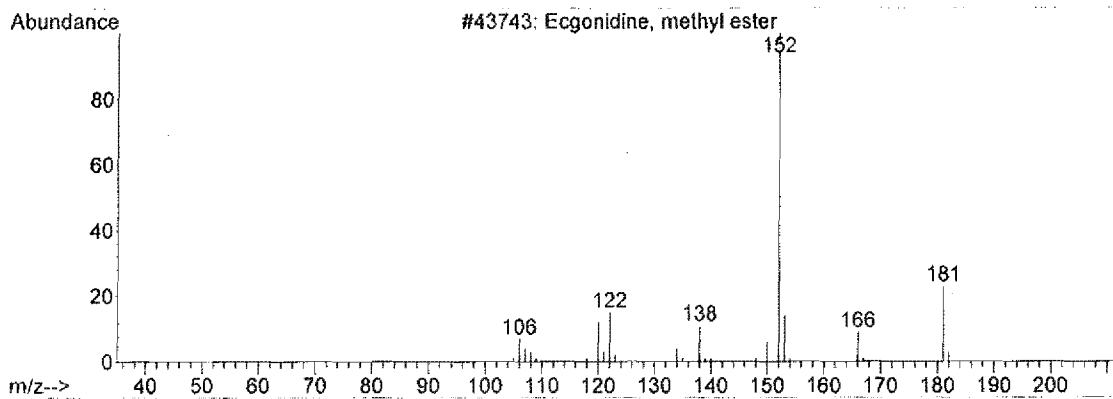
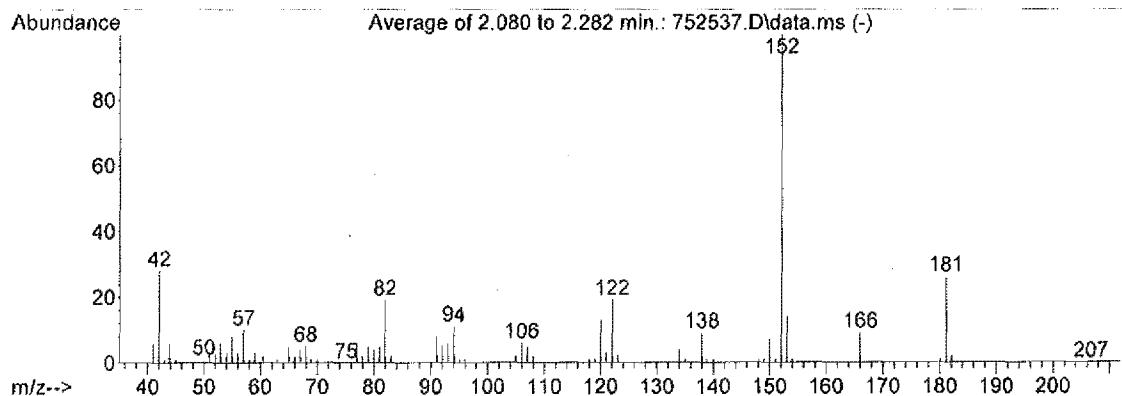
Area Percent / Library Search Report

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 Date Acquired : 2 Nov 2010 17:51  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 37  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

| PK# | RT   | Library/ID                          | CAS#        | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1   | 2.13 | C:\Database\NIST05a.L               |             |      |
|     |      | Ecgonidine, methyl ester            | 127379-24-2 | 97   |
|     |      | 2-Carbomethoxy-8-methyl-8-azabicycl | 043021-26-7 | 96   |
|     |      | 3,5-Dimethoxyphenethylamine         | 003213-28-3 | 43   |



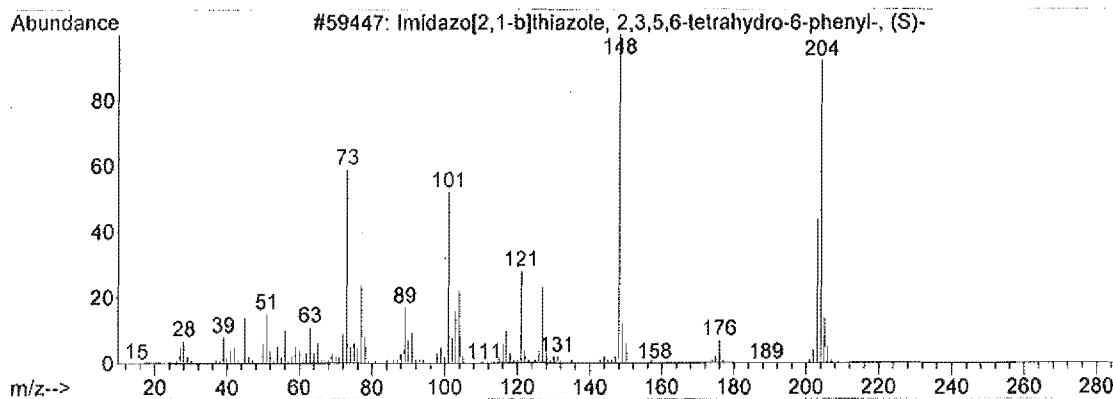
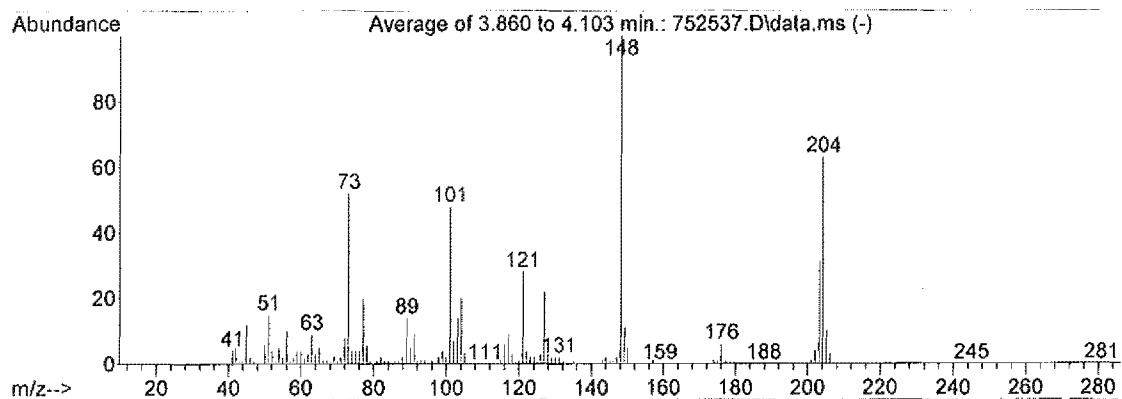
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\11\_02\_10\752537.D  
 Operator : ASD  
 Date Acquired : 2 Nov 2010 17:51  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 37  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

| PK# | RT   | Library/ID                          | CAS#        | Qual |
|-----|------|-------------------------------------|-------------|------|
| 2   | 3.90 | C:\Database\NIST05a.L               |             |      |
|     |      | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 99   |
|     |      | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 98   |
|     |      | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 98   |



Area Percent / Library Search Report

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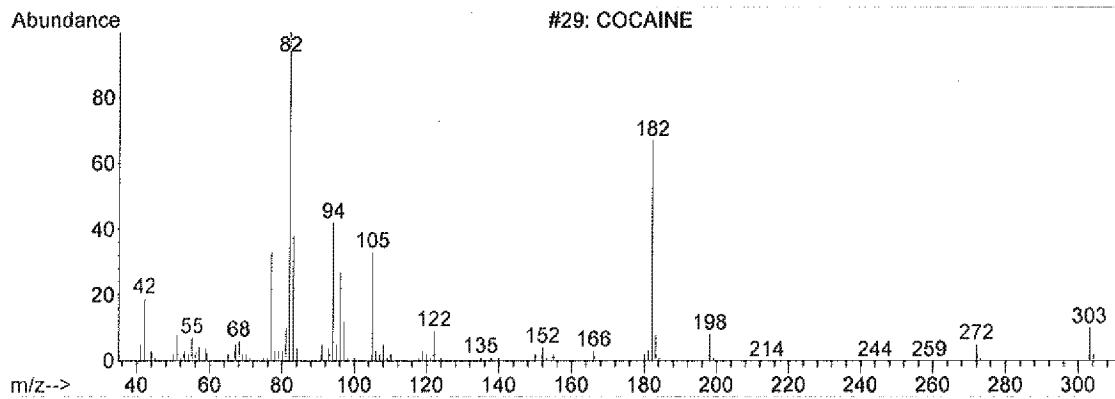
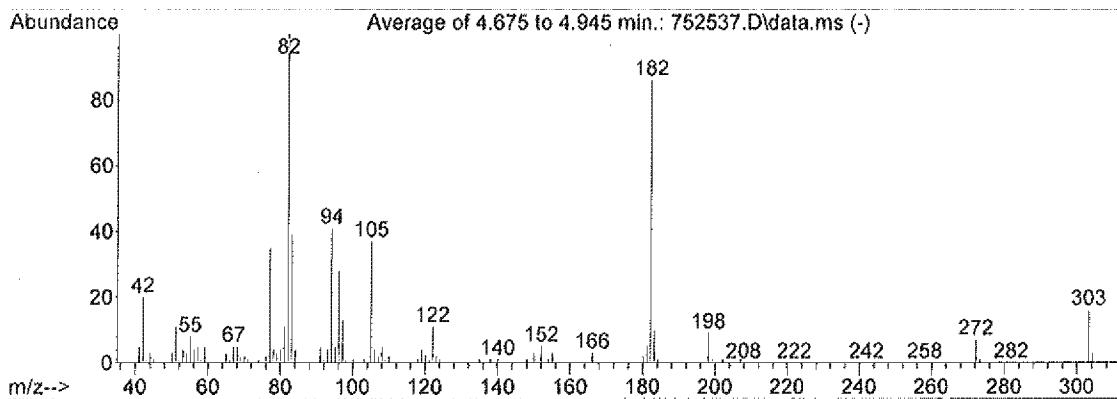
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Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 37  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

| PK# | RT   | Library/ID                   | CAS#        | Qual |
|-----|------|------------------------------|-------------|------|
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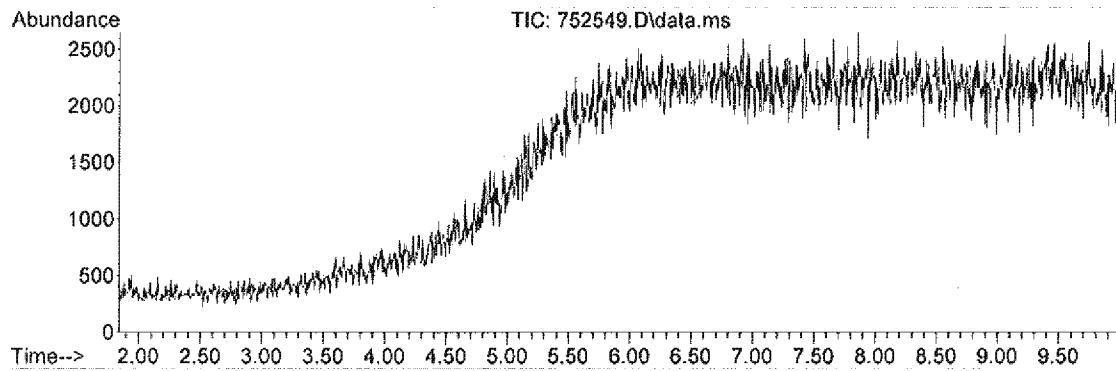
Area Percent / Library Search Report

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Operator : ASD  
Date Acquired : 2 Nov 2010 20:22  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

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\*\*\*NO INTEGRATED PEAKS\*\*\*

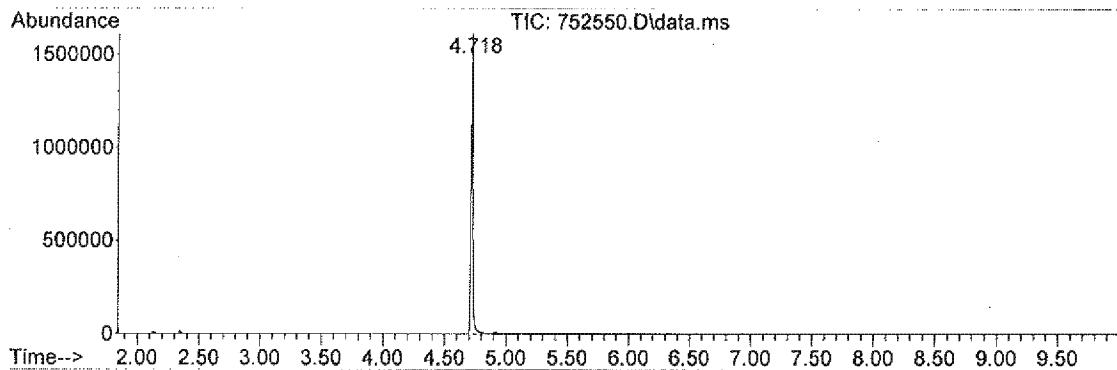
Area Percent / Library Search Report

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Information from Data File:

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Operator : ASD  
Date Acquired : 2 Nov 2010 20:34  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 50  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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| Ret. Time | Area    | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.718     | 1686908 | 100.00 | 100.00  |

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## Area Percent / Library Search Report

## Information from Data File:

File Name : C:\msdchem\1\System7\11\_02\_10\752550.D  
Operator : ASD  
Date Acquired : 2 Nov 2010 20:34  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 50  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

| PK# | RT   | Library/ID                   | CAS#        | Qual |
|-----|------|------------------------------|-------------|------|
| 1   | 4.72 | C:\Database\SLI.L<br>COCAINE | 000050-36-2 | 99   |

